

CLAIMS

What is claimed is:

1. A method for facilitating the display of information of a document,
5 said method comprising:
scanning said document for indicators, wherein said indicators are for
indicating a predetermined location within said document; and
in response to said scanning, automatically rendering graphic elements
for each corresponding indicator, wherein a graphic element is rendered with a
10 descriptive label according to information within said indicator; and
jumping to a predetermined location within said document
corresponding to a graphic element selected by a user and displaying
information of said predetermined location.
- 15 2. A method as recited in Claim 1 wherein said document is for use
in programming a programmable microcontroller comprising programmable
digital and programmable analog elements.
3. A method as recited in Claim 1 wherein said document is a
20 datasheet providing technical details of a corresponding user module, wherein
a user module is a pre-configured circuit design for implementation on a
microcontroller.

4. A method as recited in Claim 1 wherein said document is an HTML document.

5. A method as recited in Claim 4 wherein said indicators are embedded HTML anchors.

6. A method as recited in Claim 1 wherein said document is an XML document.

10 7. A method as recited in Claim 1 wherein said document is selected from a catalog of documents.

8. A method as recited in Claim 3 wherein said user module is selected from a catalog of user modules.

15 9. A method as recited in Claim 1 wherein said graphic elements are rendered adjacent to said document.

20 10. A method as recited in Claim 1 wherein a user interacting with a scroll bar for scrolling through said document activates a graphic element upon passing a corresponding indicator of said graphic element, such that a current location on said document is rendered.

11. A computer system comprising:

a bus;

a display device coupled to said bus;

a memory unit coupled to said bus, and

5 a processor coupled to said bus, said processor for executing a method for facilitating the display of information of a document, said method comprising:

scanning said document for indicators, wherein said indicators are for indicating a predetermined location within said document; and

10 in response to said scanning, automatically rendering graphic elements for each corresponding indicator, wherein a graphic element is rendered with a descriptive label according to information within said indicator; and

15 jumping to a predetermined location within said document corresponding to a graphic element selected by a user and displaying information of said predetermined location.

12. A computer system as recited in Claim 11 wherein said document is for use in programming a programmable microcontroller comprising
20 programmable digital and programmable analog elements.

13. A computer system as recited in Claim 11 wherein said document is a datasheet providing technical details of a corresponding user module,

wherein a user module is a pre-configured circuit design for implementation on a microcontroller.

14. A computer system as recited in Claim 11 wherein said document
5 is an HTML document.

15. A computer system as recited in Claim 14 wherein said indicators are embedded HTML anchors.

10 16. A computer system as recited in Claim 11 wherein said document is an XML document.

15 17. A computer system as recited in Claim 11 wherein said document is selected from a catalog of documents.

18. A computer system as recited in Claim 13 wherein said user module is selected from a catalog of user modules.

20 19. A computer system as recited in Claim 11 wherein said graphic elements are rendered adjacent to said document.

20. A computer system as recited in Claim 11 wherein a user interacting with a scroll bar for scrolling through said document activates a

graphic element upon passing a corresponding indicator of said graphic element, such that a current location on said document is rendered.

21. A computer-usable medium having computer-readable program code embodied therein for causing a computer system to perform a method for facilitating the display of information of a document, said method comprising:

scanning said document for indicators, wherein said indicators are for indicating a predetermined location within said document; and

in response to said scanning, automatically rendering graphic elements for each corresponding indicator, wherein a graphic element is rendered with a descriptive label according to information within said indicator; and

jumping to a predetermined location within said document corresponding to a graphic element selected by a user and displaying information of said predetermined location.

22. A computer-usable medium as recited in Claim 21 wherein said document is for use in programming a programmable microcontroller comprising programmable digital and programmable analog elements.

23. A computer-usable medium as recited in Claim 21 wherein said document is a datasheet providing technical details of a corresponding user

module, wherein a user module is a pre-configured circuit design for implementation on a microcontroller.

24. A computer-usable medium as recited in Claim 21 wherein said
5 document is an HTML document.

25. A computer-usable medium as recited in Claim 24 wherein said indicators are embedded HTML anchors.

10 26. A computer-usable medium as recited in Claim 21 wherein said document is an XML document.

27. A computer-usable medium as recited in Claim 21 wherein said document is selected from a catalog of documents.

15 28. A computer-usable medium as recited in Claim 23 wherein said user module is selected from a catalog of user modules.

29. A computer-usable medium as recited in Claim 21 wherein said
20 graphic elements are rendered adjacent to said document.

30. A computer-usable medium as recited in Claim 21 wherein a user interacting with a scroll bar for scrolling through said document activates a

graphic element upon passing a corresponding indicator of said graphic element, such that a current location on said document is rendered.

31. A method of rendering a graphical user interface comprising:

5 scanning an electronic document, said electronic document comprising a plurality of sections and wherein each section comprises an associated anchor;

10 in response to said scanning, automatically displaying, in a first display region, a plurality of graphical tabs, one tab for each anchor, wherein each tab comprises a descriptive label obtained from its respective anchor;

in response to a user selecting a first tab, displaying, in a second display region, a portion of a first section of said electronic document associated with said first tab; and

15 in response to a user selecting a second tab, displaying, in said second display region, a portion of a second section of said electronic document associated with said second tab.

32. A method as described in Claim 31 wherein said graphical user interface comprises a third display region comprising a scroll bar and further
20 comprising scrolling said portion of said second section in response to a user interacting with said scroll bar.

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34. A method as described in Claim 33 wherein said datasheet information describes a user module to be implemented in a programmable hardware resource of a programmable microcontroller device.

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